

## THE POPULATION OF HAWAII, 1989

The resident population of Hawaii reached 1,112,100 in mid-1989. This total compared to 964,691 on April 1, 1980, and 769,913 in 1970. The 1989 estimate included 56,400 members of the armed forces stationed or homeported in Hawaii, 60,300 military dependents, and 995,500 civilians other than military dependents.

The 1989 de facto population was 1,263,000. This estimate refers to the total number of persons physically present in the State, regardless of their usual place of residence. It includes an average of 169,700 visitors present during the year but excludes 18,700 residents temporarily absent.

Growth in the 111 months since the 1980 census amounted to 15.3 percent for the total resident population, 16.3 percent for the civilian population, 18.0 percent for the resident population exclusive of military personnel and dependents, and 20.0 percent for the de facto population.

Growth rates in Hawaii are considerably higher than for the nation as a whole. Between April 1, 1980 and July 1, 1989, the United States increased 9.6 percent, compared with 15.3 percent for Hawaii. The de facto growth for Hawaii was even higher, 20.0 percent.

Approximately 75.7 percent of the resident population in 1989 was in the City and County of Honolulu. Resident totals by counties were as follows: Honolulu, 841,600; Hawaii, 122,300; Maui, 97,200; and Kauai, 51,000. Since 1980, growth in the resident population has amounted to 10.4 percent on Oahu and 33.8 percent on the Neighbor Islands (36.9 percent in Maui County, 32.9 percent on the Big Island, and 30.5 percent in Kauai County).

Among the 28 districts of the State, 1980- 1989 growth rates ranged from -13.8 percent in North Hilo to 114.7 percent in Hanalei. Other rapidly growing areas included Puna (78.6 percent), South Kohala (95.0), and North Kona (67.4). The highest rate estimated for Maui County was in Makawao District, with 41.5 percent. The most populous district in the State, Honolulu, with a 1989 population of 376,700, increased by only 3.2 percent during the 111-month postcensal period.

The resident population increased by 147,400 between April 1, 1980 and July 1, 1989. This growth was based on 171,800 births, 51,500 deaths, and a net in-migration of 27,100. Excluding military personnel and dependents, net in-migration was 67,100, or 7,300 per year (compared with an annual average of 10,602 for the preceding decade). Natural increase--the excess of births over deaths--accounted for 56.2 percent of the growth of the non-military population between 1980 and 1989, well above the 43.5 percent recorded for the 1970s. The share attributable to net migration meanwhile declined from 55.6 to 44.2 percent.

Age estimates for 1989 reveal a much older population than that reported by the 1980 census. The median age has risen by 4.0 years, to 32.3, since 1980, and the fastest growing age group has been the 65-and-over category, with an 9.25-year increase of 56.6 percent.

Households in Hawaii as of mid-1989 numbered 361,000, compared with 294,052 on April 1, 1980. Households increased 22.8 percent during the 111-month postcensal period, or noticeably faster than the 15.3 percent increase in resident population. This change reflects a continued decline in average household size, which fell from 3.59 in 1970 to 3.15 in 1980 and 2.97 in 1989.

The foregoing estimates are reported in greater detail in the accompanying tables. Most of the absolute values have been rounded to the nearest 100. Percent changes are based on unrounded data.

These estimates were prepared by the U.S. Bureau of the Census and two agencies of the State of Hawaii, the Office of Health Status Monitoring of the Department of Health and the Research and Economic Analysis Division of the Department of Business and Economic Development. The statewide estimates of resident population were the work of the Bureau of the Census; the county breakdowns, of all three agencies, under the Federal-State Cooperative Program for Local Population Estimates. The de facto population estimates were prepared by the two Hawaii State agencies, with the cooperation of the Market Research Department of the Hawaii Visitors Bureau.

The 1980-1989 State figures on resident population are averages based on separate estimates by two methods, the Administrative Records Method (which calculates migration from data on address changes reported by persons paying income taxes) and a composite technique based largely on the Ratio-Correlation Method (utilizing various symptomatic series).

The 1980-1988 county estimates likewise represented the averages of results obtained from two methods, the Administrative Records (AR) Method and Ratio-Correlation Method. The 1988-1989 county changes were based entirely on symptomatic data. All county estimates were controlled to the latest State estimates for 1980-1989. District-level estimates, based on utility data, were in turn controlled to the county totals.

The 1980-1989 estimates of de facto population were based on the corresponding resident estimates, as adjusted by data on visitors present and residents absent (both calculated as annual averages) supplied by the Hawaii Visitors Bureau. The HVB figures came from its long-established sample survey of passengers entering the State.

These estimates will be revised following the release of 1990 census results, sometime in 1991. State-level totals are scheduled for release by January 1, 1991; county, island, district, and smaller-area figures will become available by April 1.

Table 1  
RESIDENT POPULATION, BY MILITARY STATUS:  
1980 TO 1989

[Excludes visitors present but includes residents temporarily absent  
and armed forces stationed or homeported in Hawaii]

		Civilian population				
Date		Total resident population	Armed forces 1/	All civilians	Military dependents 2/	Not military dependents
1970:	April 1	769,913	55,142	714,771	61,858	652,913
	July 1	771,600	53,800	717,800	57,800	660,100
1971:	July 1	801,600	50,800	750,800	62,200	688,700
1972:	July 1	828,300	52,000	776,400	66,200	710,100
1973:	July 1	851,600	58,100	793,500	70,300	723,200
1974:	July 1	868,000	57,500	810,500	68,300	742,100
1975:	July 1	886,200	58,800	827,400	63,700	763,700
1976:	July 1	904,200	57,800	846,400	67,000	779,400
1977:	July 1	918,300	56,500	861,800	65,000	796,800
1978:	July 1	931,600	58,300	873,300	61,100	812,200
1979:	July 1	953,300	57,900	895,400	64,500	830,900
1980:	April 1	964,691	57,056	907,635	64,023	843,612
	July 1	968,900	57,900	911,000	64,100	846,900
1981:	July 1	980,300	56,600	923,700	64,300	859,400
1982:	July 1	997,700	54,900	942,800	66,700	876,100
1983:	July 1	1,018,500	55,200	963,400	66,300	897,100
1984:	July 1	1,035,800	57,300	978,500	67,100	911,400
1985:	July 1	1,049,500	56,400	993,100	64,300	928,900
1986:	July 1	1,063,700	58,100	1,005,600	66,200	939,400
1987:	July 1	1,082,000	58,100	1,023,900	64,800	959,000
1988:	July 1	1,096,200	56,800	1,039,300	69,900	969,400
1989:	July 1	1,112,100	56,400	1,055,700	60,300	995,500

1/ These figures are the estimates developed by the U.S. Bureau of the Census for use in population estimation. They differ somewhat from corresponding figures from other sources (see DBED, Statistical Report 207).

2/ Dependents living in Hawaii, regardless of location of family head.

Source: Hawaii State Department of Planning and Economic Development, Intercensal Population Estimates for Hawaii, 1940-1980 (Statistical Report 172, February 1, 1985), table 1; Federal-State Cooperative Program for Local Population Estimates.

Table 2  
COMPONENTS OF CHANGE IN THE RESIDENT  
POPULATION, BY MILITARY STATUS:  
1970 TO 1980 AND 1980 TO 1989

Period and component	Civilian population					
	Not military dependents					
	All groups	Armed forces	Military dependents	Number	Annual average	Percent distrib.
1970 TO 1980 1/						
Net change	+194,778	+1,911	+2,165	+190,702	+19,070	100.0
Natural increase	118,654	-447	36,233	82,868	8,287	43.5
Live births	161,831	-	37,234	124,597	12,460	...
Deaths	43,177	447	1,001	41,729	4,173	...
Net mil. separations 2/	-	-1,815	-	+1,815	+181	1.0
Net migration 3/	+76,124	+4,173	-34,068	+106,019	+10,602	55.6
1980 TO 1989 4/						
Net change	+147,400	-700	+3,700	+151,800	+16,400	100.0
Natural increase	120,300	-200	35,200	85,400	+9,200	56.2
Live births	171,800	-	36,000	135,900	14,700	...
Deaths	51,500	200	800	50,500	5,500	...
Net mil. separations 2/	-	+700	-	-700	-100	-0.4
Net migration	+27,100	-1,200	-38,900	+67,100	+7,300	44.2

1/ April 1, 1970 to March 31, 1980.

2/ Separations less inductions for armed forces.

3/ Includes error of closure.

4/ April 1, 1980 to June 30, 1989.

Source: Federal-State Cooperative Program for Local Population Estimates.

Table 3  
RESIDENT AND DE FACTO POPULATION, BY  
RESIDENCE STATUS: 1970 TO 1989

Year	Resident population 1/		De facto population 3/		De facto- resident ratio 4/
	Total	Temporarily absent 2/	Total	Visitors present 2/	
1970: April 1	769,913	10,300	796,500	36,900	1,035
July 1	771,600	10,000	798,600	36,900	1,035
1971: July 1	801,600	9,400	833,100	40,900	1,039
1972: July 1	828,300	8,600	869,800	50,100	1,050
1973: July 1	851,600	9,800	901,300	59,600	1,058
1974: July 1	868,000	7,800	923,700	63,500	1,064
1975: July 1	886,200	9,000	943,500	66,300	1,065
1976: July 1	904,200	9,400	970,300	75,500	1,073
1977: July 1	918,300	9,000	992,300	83,000	1,081
1978: July 1	931,600	9,300	1,014,300	92,000	1,089
1979: July 1	953,300	9,300	1,042,700	98,700	1,094
1980: April 1	964,691	9,600	1,052,700	97,600	1,091
July 1	968,900	9,600	1,055,800	96,500	1,090
1981: July 1	980,300	11,600	1,064,700	96,000	1,086
1982: July 1	997,700	14,500	1,088,500	105,300	1,091
1983: July 1	1,018,500	11,500	1,115,100	108,000	1,095
1984: July 1	1,035,800	16,100	1,138,400	118,700	1,099
1985: July 1	1,049,500	18,600	1,147,700	116,700	1,094
1986: July 1	1,063,700	17,200	1,179,400	132,900	1,109
1987: July 1	1,082,000	15,700	1,200,500	134,300	1,110
1988: July 1	1,096,200	20,800	1,216,700	141,400	1,110
1989: July 1	1,112,100	18,700	1,263,000	169,700	1,136

1/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported

in the area but excludes persons of local origin attending school or in military service outside the area.

2/ Averages for 12-month periods centered on the estimate or census dates.

3/ The de facto population is defined as the number of persons physically present in an area, regardless of military status or usual place of residence; it includes visitors present but excludes residents temporarily absent.

4/ De facto population per 1,000 resident population.

Source: Hawaii State Department of Planning and Economic Development, Intercensal Population Estimates for Hawaii, 1940-1980 (Statistical Report 172, February 1, 1985), table 2; Federal-State Cooperative Program for Local Population Estimates.

Table 4  
RESIDENT POPULATION OF COUNTIES AND  
ISLANDS: ANNUALLY, 1980 TO 1989

County and island	April 1, 1980	July 1, 1981	July 1, 1982	July 1, 1983	July 1, 1984
State total	964,691	980,300	997,700	1,018,500	1,035,800
Counties:					
Hawaii	92,053	97,000	100,200	102,700	107,000
Maui	70,847	74,000	76,700	79,600	83,300
Kalawao	144	162	164	159	150
Honolulu	762,565	768,500	778,700	793,100	801,300
Kauai	39,082	40,600	41,900	43,000	44,100
Islands:					
Hawaii	92,053	97,000	100,200	102,700	107,000
Maui	62,823	65,700	68,400	71,300	74,900
Kahoolawe	-	-	-	-	-
Lanai	2,119	2,100	2,100	2,100	2,100
Molokai	6,049	6,300	6,400	6,400	6,400
Oahu	762,565	768,500	778,700	793,100	801,300
Kauai	38,856	40,500	41,700	42,800	43,900
Niihau	226	185	193	183	180
County and island	July 1, 1985	July 1, 1986	July 1, 1987	July 1, 1988	July 1, 1989
State total	1,049,500	1,063,700	1,082,000	1,096,200	1,112,100
Counties:					
Hawaii	109,300	111,300	114,800	117,200	122,300
Maui	85,200	86,900	90,100	92,700	97,100
Kalawao	148	145	145	121	127
Honolulu	809,600	819,200	829,100	836,900	841,600
Kauai	45,300	46,200	47,900	49,200	51,000
Islands:					
Hawaii	109,300	111,300	114,800	117,200	122,300
Maui	76,600	78,200	81,400	83,900	88,100
Kahoolawe	-	-	-	-	-
Lanai	2,200	2,200	2,200	2,200	2,200
Molokai	6,500	6,600	6,700	6,700	6,900
Oahu	809,600	819,200	829,100	836,900	841,600
Kauai	45,100	46,000	47,700	49,000	50,700
Niihau	180	214	202	207	210

Source: Federal-State Cooperative Program for Local Population Estimates.

Table 5  
RESIDENT POPULATION OF COUNTIES AND  
DISTRICTS: 1970, 1980, AND 1989

County and district	Percent change				
	April 1, 1970	April 1, 1980	July 1, 1989	1970 to 1980	1980 to 1989
State total	769,913	964,691	1,112,100	25.3	15.8
Hawaii County	63,468	92,053	122,300	45.0	32.8
Puna	5,154	11,751	21,000	128.0	78.6
South Hilo	33,915	42,278	45,700	24.7	8.1
North Hilo	1,881	1,679	1,400	-10.7	-13.8
Hamakua	4,648	5,128	5,400	10.3	5.0
North Kohala	3,326	3,249	3,900	-2.3	19.3
South Kohala	2,310	4,607	9,000	99.4	95.0
North Kona	4,832	13,748	23,000	184.5	67.4
South Kona	4,004	5,914	7,900	47.7	33.0
Ka'u	3,398	3,699	5,000	8.9	35.8
Maui County 1/	46,156	70,991	97,200	53.8	37.0
Hana	969	1,423	1,900	46.9	32.4
Makawao	9,979	19,005	26,900	90.4	41.5
Wailuku	22,219	32,111	45,000	44.5	40.1
Lahaina	5,524	10,284	14,400	86.2	39.6
Lanai	2,204	2,119	2,200	-3.9	6.1
Molokai	5,089	5,905	6,700	16.0	14.1
Kalawao	172	144	127	-16.3	-11.8
City & Co. of Hono.	630,528	762,565	841,600	20.9	10.4
Honolulu	324,871	365,048	376,700	12.4	3.2
Koolaupoko	92,219	109,373	118,700	18.6	8.6
Koolauloa	10,562	14,195	17,200	34.9	20.8
Waialua	9,171	9,849	11,500	7.4	17.3
Wahiawa	37,329	41,562	45,800	11.3	10.2
Waianae	24,077	31,487	35,800	30.8	13.6
Ewa	132,299	191,051	235,900	44.4	23.5
Kauai County	29,761	39,082	51,000	31.3	30.4
Hanalei	1,182	2,668	5,700	125.7	114.7
Kawaihau	7,393	10,497	14,300	42.0	35.8
Lihue	6,766	8,590	10,500	27.0	21.7
Koloa	6,851	8,734	11,900	27.5	36.5
Waimea	7,569	8,593	8,600	13.5	0.0

1/ Including Kalawao County.

Source: U.S. Bureau of the Census, 1980 Census of Population, Number of Inhabitants, Hawaii, PC80-1-A13 (October 1981), table 4; Federal-State Cooperative Program for Local Population Estimates.

Table 6  
RESIDENT POPULATION, BY AGE AND SEX:  
1980 AND 1989

[In thousands. Includes armed forces stationed or  
homeported in Hawaii. The 1989 estimates  
are provisional]

	April 1, 1980 (census)			July 1, 1989 (estimates)		
Age group	Both sexes	Male	Female	Both sexes	Male	Female
Total	965	495	470	1,112	565	547
Under 5 years	78	40	38	89	46	43
5 to 14 years	148	76	72	157	81	76
15 to 24 years	192	105	87	169	90	78
25 to 34 years	180	92	88	196	101	94
35 to 44 years	111	56	55	175	88	88
45 to 54 years	94	45	50	107	51	56
55 to 64 years .	85	42	43	100	50	50
65 to 74 years .	49	26	23	75	36	39
75 to 84 years	21	10	11	34	17	17
85 years and over	6	2	4	10	4	6
5 to 17 years	198	102	96	199	102	97
18 to 24 years	142	79	63	127	69	58
25 to 44 years	291	148	143	371	189	182
45 to 64 years .	180	87	92	207	102	106
16 years and over	723	370	352	853	432	422
18 years and over	689	353	336	825	417	407
21 years and over	631	320	310	771	388	382
65 years and over	76	38	38	119	57	62
Median age	28.3	27.6	29.1	32.3	31.5	33.2

Source: U.S. Bureau of the Census, "State Population and Household  
Estimates: July 1, 1989," Current  
Population Reports, Population Estimates and Projections, Series P-25, No. 1058  
(March 1990), p. 29.



Table 7  
HOUSEHOLDS AND HOUSEHOLD SIZE:  
1940 TO 1989

[As of April 1, 1940-1980, and July 1 thereafter. For annual estimates, 1971-1979, see Data Book 1985, table 585]

Year	Households	Average size	Year	Households	Average size
1940	86,855	4.46	1983	316,000	(NA)
1950	111,858	4.14	1984	323,000	(NA)
1960	153,064	3.87	1985	330,000	(NA)
1970	203,088	3.59	1986	336,000	(NA)
1980	294,052	3.15	1987	344,000	(NA)
1981	304,000	(NA)	1988	353,000	2.99
1982	310,000	(NA)	1989	361,000	2.97

NA Not available.

Source: Robert C. Schmitt, Historical Statistics of Hawaii (University Press of Hawaii, 1977), p. 33. U.S. Bureau of the Census, Census of Population: 1980, General Population Characteristics, Hawaii, PC80-1-B13 (1982), table 14; "State Population and Household Estimates, With Age, Sex, and Components of Change: 1981- 88," Current Population Reports, Population Estimates and Projections, Series P-25, No. 1044 (August 1989), pp. 64-65; "State Population and Household Estimates: July 1, 1989," Current Population Reports, Population Estimates and Projections, Series P-25, No. 1058 (March 1990), p. 62.